Substitute for Form 1449 A & B/PTO

INFORMATION DISCUSSURE
STATEMENT BY APPLICANT

Complete if Known

Application Number 10/591,584

Confirmation Number 3381

Filing Date November 27, 2006

First Named Inventor Masato KOBAYAKAWA

Art Unit 2811

Examiner Name Not Yet Assigned

(use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number Q80400

			U.S. I	PATENT DOCUME	ENTS
Examiner	Document Number		Publication Date		
Initials*	Cite No. <sup>1</sup>	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US			
		US			
		US			
	,	US			
		US			
		US			
		US			

				F	OREIGN PA	TENT DOCUM	ENTS	•
Examiner	iner	Cite	Fo	Foreign Patent Document		Publication Date	Name of Patentee or	
Initi		No.	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>
6	~		JP	53-20882		02-25-1978	IBM	
1			JP	54-71590		06-08-1979	MATSUSHITA ELECTRIC IND CO LTD	Abstract
			JP	55-3834		01-26-1980	SUMITOMO ELECTRIC INDUSTRIES, LTD.	Partial translation
			CA	1095154		02-03-1981	IBM	Abstract
			JP	6-237012		08-23-1994	NICHIA CHEM IND LTD	Machine 'translation
Si	~		JP	2003-243302		08-29-2003	SHOWA DENKO KK	Machine translation
<u></u>				<u> </u>				
-								
								-
								-
	Ī							

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>			
5~~		Iwao TERAMOTO; "Outline of Semiconductor Device"; Baifukan Co., Ltd. (publisher); March 30, 1995; pp. 113-115	Partial			
	· · · · · · · · · · · · · · · · · · ·					

Examiner Signature Date Considered 12 10-0-7		S-R-R-		12-10-07
--	--	--------	--	----------

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

Sheet

## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 1

· <i>T</i>	
Application Number	National Stage of PCT/JP2005/004138
Confirmation Number	Not yet assigned
Filing Date	September 5, 2006
First Named Inventor	Masato KOBAYAKAWA
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	Q80400

			U.S. 1	PATENT DOCUME	CNTS	
	Cita	Document Number		Publication Date		
Examiner Initials*	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		US				
		US				
		US				
•		US				
		US				
		US				
		US				
		US			·	
		US				

FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Fo	reign Patent Docu	nent	Publication Date	Name of Patentee or	T	
Initials*	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>	
Su		JP	8-116089	A	05-07-1996	TOYODA GOSEI KK; JAPAN RES. DEV. CORP.; AKASAKI ISAMU; AMANO HIROSHI and UNIV. NAGOYA	Abstract	
1		JP	2000-101139	Α	04-07-2000	TOKYO SHIBAURA ELECTRIC CO.	Abstract	
		JP	2004-14810	A	01-15-2004	SHOWA DENKO KK	Abstract	
1		JP	11-177133	Α	07-02-1999	ROHM CO. LTD.	Abstract	
		JP	2002-203798	Á	07-19-2002	MATSUSHITA ELECTRIC IND. CO. LTD.	Abstract	
1		JP	9-266218	Α	10-07-1997	NIPPON STEEL CORP.	Abstract	
		JP	11-150296	Α	06-02-1999	TOKYO SHIBAURA ELECTRIC CO.	Abstract	
		JP	2002-324913	Α	11-08-2002	RICOH KK	Abstract	
مسو		JP	11-204887	Α	07-30-1999	TOKYO SHIBAURA ELECTRIC CO.	Abstract	

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>				
			<u> </u>				
			ļ				
			<del> </del>				
			-				
			<del> </del>				

		,	<del></del>
Examiner Signature	Som	Date Considered	12-10-07

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.